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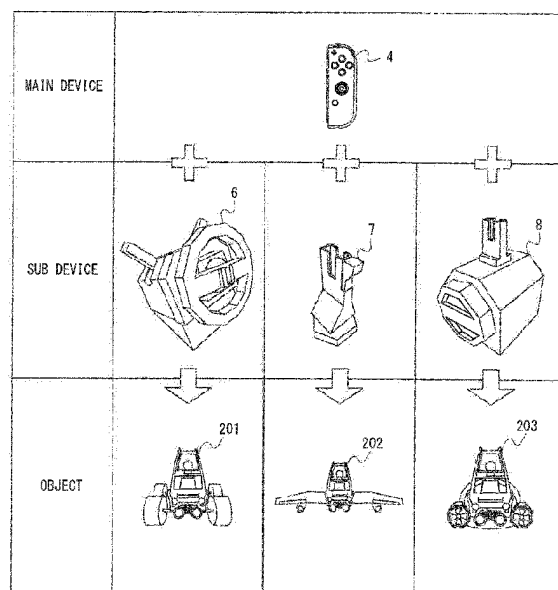
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(54) **INFORMATION PROCESSING PROGRAM, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD**

(57) A game system includes a plurality of types of sub devices, and a main device capable of being attached to and detached from any of the sub devices, and executes a game application. The game system determines the type of the sub device to which the main device is attached while the game application is being executed. The game system executes a game process based on a game operation performed by using the main device and/or the sub device to which the main device is attached while the game application is being executed. The game system executes a game process depending on the determined type of the sub device.

Fig.8





EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 3 057 297 A1 (NINTENDO CO LTD [JP]) 17 August 2016 (2016-08-17)	1-7, 13, 14, 20-23	INV. A63F13/245
A	* paragraphs [0063], [0072] - [0074], [0081] * * paragraphs [0102] - [0115]; figures 18, 19 *	16-19	A63F13/22 A63F13/98
A	----- ARTUR SAGITOV ET AL: "ARTag, AprilTag and CALTag Fiducial Marker Systems: Comparison in a Presence of Partial Marker Occlusion and Rotation :", PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE ON INFORMATICS IN CONTROL, AUTOMATION AND ROBOTICS, 1 January 2017 (2017-01-01), pages 182-191, XP055590736, DOI: 10.5220/0006478901820191 ISBN: 978-989-7582-64-6 * 3.2 Type 2 Experiments: Systematic Occlusion 4 EXPERIMENTAL RESULTS * -----	16-19	TECHNICAL FIELDS SEARCHED (IPC) A63F
3 The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 June 2019	Examiner Goy, Sébastien
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

EPO FORM 1503 03.82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-7, 13, 14, 16-23

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7, 13, 14, 16-23

Game system identifying that a sub device is not completely attached

2. claims: 8, 9, 12

Game system allowing a faster game configuration

3. claims: 10, 11

Game system with a cost-effective sub device

4. claim: 15

Game system avoiding disruption when a sub device is disconnected

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 18 20 4364

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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03-06-2019

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 3057297 A1	17-08-2016	EP 3057297 A1	17-08-2016
		JP 6327669 B2	23-05-2018
		JP 2016148903 A	18-08-2016
		US 2016231773 A1	11-08-2016
		US 2018239393 A1	23-08-2018
